

	TMP01ESZ	
	Manufacturer Part Number	TMP01ESZ
	Manufacturer	Analog Devices, Inc.
	Allelco Part Number	32D-TMP01ESZ
	ECAD Model	PCB Symbol, Footprint & 3D Mode
	Parts Description	THERMOSTAT PROG ACT HIGH 8SOIC
	Package	8-SOIC (0.154", 3.90mm Width)
- I I I I I I I I I I I I I I I I I I I	Data sheet	TMP01.pdf Get a Quote
Image may be representation. See specifications for product details.	RoHs Status	ROHS3 Compliant
AHEAD OF WHAT'S POSSIBLE TM	TMP01ESZ - Analog Devices IncNew Original in Stock. Download Linear Technology TMP01ESZ datasheet/specifications on AllelcoElec.com. Request a quote for TMP01ESZ, please send us email: info@allelco.com	

Specifications

TMP01ESZ Tech Specifications

TMP01ESZ - Analog Devices Inc. technical specifications, attributes, parameters

Pode AttributeAttributePode AttributeAttributeAnalyse AuseAnalyse AuseAnalyse AuseAnalyse AuseAuse AuseAsy A S A S A S A S A S A S A S A S A S A				
Notage - Supply4.5 Y - 3.2 YOutputAdver HighTry Temperature ThreadedGd, HotDerating Temperature5.6 Y - 2.5 YSubiting TemperatureProgramableMouting TypeSurface AnotherSupple Device PackageB-SCSectorSource AnotherSector Device Package-Source AnotherSource AnotherSector Device PackageNaSource AnotherSource AnotherSector Device PackageNaSource AnotherSource AnotherSector Device PackageSource AnotherSource AnotherSource AnotherSector Device PackageSource AnotherSource AnotherSource AnotherSector Device PackageTote AnotherSource AnotherSource AnotherSector Device PackageSource AnotherSource Another <th>Product Attribute</th> <th>Attribute Value</th> <th>Product Attribute</th> <th>Attribute Value</th>	Product Attribute	Attribute Value	Product Attribute	Attribute Value
Trp Temperature ThrpsholdCod, ButDependenceSec A 25°CSwitching TemperatureForgamableMuniting TemperatureSufface Muniting TemperatureSuppier Device PackageSonFactorFactorSecale Package- SonSonSonSecale PackageSonSonSonSecale PackageS	Manufacturer	Analog Devices, Inc.	Output Function	/OverTemp, /UnderTemp
Switching TemperatureProgrammableNouting TypeSurface MountSuppler Device Package8-SOICFeatures-SeriesSoupASoupASelectable PysteresisVesCurrent - Output (Max)SomAPackage / CaseSoupASoupASoupAPackage / CaseTubeAccuracyAccuracyInfo	Voltage - Supply	4.5 V ~ 13.2 V	Output	Active High
Supplier Device PackageSeSDEFeaturesFeatures-SeriesSonpaSonpaSectable PackageSon Son Son Son Son Son Son Son Son Son	Trip Temperature Threshold	Cold, Hot	Operating Temperature	-55°C ~ 125°C
Series-Current - Supply500µASelectable HysteresisVesCurrent - Output (Max)50mAPackage / Case8-SOE (0.154", S.90mm Width)Base Product NumberTMP01PackageTubeAcuracy±1°C	Switching Temperature	Programmable	Mounting Type	Surface Mount
Selectable HysteresisYesCurrent - Output (Max)50mAPackage / Case8-SOIC (0.154", 3.90mm Width)Base Product NumberTMP01PackageTubeAcuracy4:0°C	Supplier Device Package	8-SOIC	Features	-
Package / Case8-SOIC (0.154", 3.90mm Width)Base Product NumberTMP01PackageTubeAccuracy±1°C	Series	-	Current - Supply	500µA
Package Tube Accuracy ±1°C	Selectable Hysteresis	Yes	Current - Output (Max)	50mA
	Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TMP01
Output Type Open Collector	Package	Tube	Accuracy	±1°C
	Output Type	Open Collector		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. TMP01ESZ

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Apple DataApple DataApple DataApple DataApple DataAustor ParticipationSize AutoSize AutoSize AutoSize AutoAutor ParticipationSize AutorSize AutoSize AutoSize AutoAutor ParticipationSize AutorSize AutorSize AutorSize AutorAutor ParticipationSiz	Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Nonding TypeNetworkNetworkNetworkModify TypeSide ModifiedSide ModifiedSide ModifiedSection1Side ModifiedSide ModifiedSide ModifiedSectionSide ModifiedSide ModifiedS	Current - Output (Max)	50mA	50mA	50mA	50mA
ArrowArrowArrowArrowSeriesAcaray4°C4°C4°C4°C4°CAcarayToSeries5°C 12°C5°C 12°C5°C 12°CArrowSeriesSeries5°C 12°C5°C 12°C5°C 12°CArrowSeriesSeriesSeries5°C 12°C5°C 12°CArrowSeriesSeriesSeriesSeries5°C 12°CArrowSeriesSeriesSeriesSeries5°C 12°CArrowSeriesSeriesSeriesSeries5°C 12°CArrowSeriesSeriesSeriesSeries5°C 12°CArrowSeriesSeriesSeriesSeries5°C 12	Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
AcarayAcara	Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
IndexIndexIndexIndexIndexPackageTabeStaSta Real (Ris)TabeIperaturg to StaSta Sta Sta Sta Sta Sta Sta Sta Sta Sta	Series	-	-	-	-
Index persiting remperatureIndex persiting remperatur	Accuracy	±1°C	±1°C	±1°C	±1°C
Sectable HysteresisNoNoNoNoSectable HysteresisYe3SecSecSecSecOutput LuccobinSectampSecSecSecSecOutput LuccobinSectampSecSecSecSecOutput LuccobinSecSecSecSecSecOutput LuccobinSecSecSecSecSec </td <td>Package</td> <td>Tube</td> <td>Bulk</td> <td>Tape & Reel (TR)</td> <td>Tube</td>	Package	Tube	Bulk	Tape & Reel (TR)	Tube
Image: A constraint of the state of the s	Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
IndexIndexIndexIndexIndexIndexGuputAideHipAideHipAideHipAideHipFaturesVotage Supply0.5 v 32.2 v0.5 v 32.2 v0.5 v 32.2 vOutput TypeOpenOlectionOpenOlection0.5 v 0.0 vPackage AcadeSol 0.6 v 3.0 v0.5 v 0.0 v0.5 v 0.0 vPackage AcadeMarcine0.5 v 0.0 v0.5 v 0.0 vPackage AcadeMarcineMarcine0.5 v 0.0 vPackage AcadeMarcineMarcineMarcinePackage AcadeMarcineMarcineMarcinePackage AcadeMarcineMarcineMarcinePackage AcadeMarcineMarcineMarcine <td< td=""><td>Selectable Hysteresis</td><td>Yes</td><td>Yes</td><td>Yes</td><td>Yes</td></td<>	Selectable Hysteresis	Yes	Yes	Yes	Yes
Featuresi.i.di.i.di.i.di.i.dFeaturesi.i.di.i.di.i.di.i.dVoltage - Supply4.5 \n 3.2 \ni.i.di.i.di.i.dOutput TypeOpen CollectorOpen CollectorOpen CollectorOpen CollectorOpen CollectorPackage / CaseSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoRestrict TypeOpen CollectorOpen CollectorSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoBase Product NumberMoli DiagonamberSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoSosi Olis J. 3.3 NoSwitching TemperatureSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olig J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoCurrent - SupplySosi Olis J. 3.4 NoSosi Olis J. 3.4 NoCurrent - SupplySosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoCurrent - SupplySosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoCurrent - SupplySosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoCurrent - SupplySosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoSosi Olis J. 3.4 NoCurrent - SupplySosi Olis J. 3.	Output Function	/OverTemp, /UnderTemp	OverTemp, /UnderTemp	/OverTemp, /UnderTemp	/OverTemp, /UnderTemp
Notage - SupplyI compared by a co	Output	Active High	Active High	Active High	Active High
Output TypeOpen CollectorOpen CollectorOpen CollectorOpen CollectorOpen CollectorPackage / Case8-50C (0.154°, 3.90m Width)8-DIP (0.30°, 7.62mm)8-SOIC (0.154°, 3.90m Width)8-SOIC (0.154°, 3.90m Width)Base Product NumberTMP1TMP1TMP1Switching TemperaturePogramablePogramablePogramablePogramableOutputSolyASolyASolyASolyASolyA	Features	-	-	-	-
Package / CaseSol (0.154", 3.90mm Width)Sol (0.154", 3.90mm Width)Sol (0.154", 3.90mm Width)Package / CaseSol (0.154", 3.90mm Width)Sol (0.154", 3.90mm Width)Sol (0.154", 3.90mm Width)Base Product NumberTMP01TMP01TMP01TMP01Switching TemperaturePogramablePogramablePogramablePogramableCurrent - SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Base Product NumberSol (0.154", 0.100 mm Case)PogramableSol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)Sol (0.154", 0.100 mm Case)SupplySupplySupplySupplySupplySupplySupplySupplySupplySupplySupplySuplySupplySupply <tr< td=""><td>Voltage - Supply</td><td>4.5 V ~ 13.2 V</td><td>4.5 V ~ 13.2 V</td><td>4.5 V ~ 13.2 V</td><td>4.5 V ~ 13.2 V</td></tr<>	Voltage - Supply	4.5 V ~ 13.2 V	4.5 V ~ 13.2 V	4.5 V ~ 13.2 V	4.5 V ~ 13.2 V
Base Product NumberTMP01	Output Type	Open Collector	Open Collector	Open Collector	Open Collector
Switching Temperature Programmable Programmable Programmable Programmable Programmable Programmable Current - Supply S0μA S0μA S0μA S0μA S0μA S0μA	Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Сиггелt - Supply 500µА 500µА 500µА 500µА	Base Product Number	TMP01	-	TMP01	TMP01
	Switching Temperature	Programmable	Programmable	Programmable	Programmable
Trip Temperature Threshold Cold, Hot Cold, Hot Cold, Hot	Current - Supply	500μΑ	500μΑ	500µA	500μΑ
	Trip Temperature Threshold	Cold, Hot	Cold, Hot	Cold, Hot	Cold, Hot

TMP01ESZ Datasheet PDF

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Datasheets

TMP01.pdf

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TMP01ES-REEL

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TMP006BIYZFT

Texas Instruments SENSOR DGTL -40C-125C 8DSBGA

TMP01FSZ

Analog Devices Inc. THERMOSTAT PROG ACT HIGH 8SOIC

TMP01F

ADI (Analog Devices, Inc.)

TMP01FPZ

Analog Devices Inc. THERMOSTAT PROG ACTIVE HIGH 8DIP



TMP01ES

Analog Devices Inc. THERMOSTAT PROG ACT HIGH 8SOIC



TMP007AIYZFT

Texas Instruments SENSOR DGTL -40C-125C 8DSBGA



TMP01E

ADI (Analog Devices, Inc.)



TMP007AIYZFR

Texas Instruments SENSOR DIGITAL -40C-125C 8DSBGA



TMP01FJ

Analog Devices Inc. THERMOSTAT PROG ACTIVE HI TO99-8



TMP01FS-REEL

Analog Devices Inc. THERMOSTAT PROG ACT HIGH 8SOIC



TMP01FSZ-REEL

Analog Devices Inc. THERMOSTAT PROG ACT HIGH 8SOIC



TMP006AIYZFT Texas Instruments SENSOR DGTL -40C-125C 8DSBGA



TMP01FS Analog Devices Inc. THERMOSTAT PROG ACT HIGH 8SOIC



TMP007EVM EVAL BOARD IR THERMOPILE



TMP01FP

Analog Devices Inc. THERMOSTAT PROG ACTIVE HIGH 8DIP



TMP006EVM

Texas Instruments EVAL MODULE FOR TMP006

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference				
Region	Country	Logistic Time(Day)		
America	United States	5		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
ASId	Japan	7		
Middle East	Israel	6		

DHL & FedEx Shipment Charges Reference			
Shipment charges(KG)	Reference DHL(USD\$)		
0.00kg-1.00kg	USD\$60.00		
1.00kg-2.00kg	USD\$70.00		

USD\$80.00

2.00kg-3.00kg

Texas Instruments TMP007

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

訬

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Cost-Saving Procurement

Fast Sourcing & Delivery

4

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